

Release B CDR RID Report

Date Last Modified 2/21/97
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Document Ingest Request Processing CSC

Phone No

RID ID	CDR	29
Review	Release B CDR	
Originator Ref		
Priority	2	

Section

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Figure Table

Category Name Ingest (INS) Design **Actionee** ECS

Sub Category

Subject Related requeued requests to incomplete requests.

Description of Problem or Suggestion:

There is no mechanism for relating a failed/incomplete request to the request queued for a DAN that is a subset of the original DAN.

Originator's Recommendation

Add another attribute to hold the request ID of the original request.

GSFC Response by:

GSFC Response Date

HAIS Response by: C. Gire

HAIS Schedule

HAIS R. E. C. Gire

HAIS Response Date 7/10/96

There is no explicit ECS requirement to support linking of failed ingest requests with requeued requests. We have investigated with the originator (Vince Troisi) to determine the envisioned ops scenario. Vince was concerned that the DAAC has the responsibility to verify re-ingest of granules that fail on an original ingest request. However, we believe that the DAAC has no such responsibility.

In general, the resubmission of failed data is the responsibility of the data provider. (Note: the response to RID #2 discusses an alternative DAAC resubmission approach). Ancillary data (data required for ECS processing) is a special case. The need for required ancillary is tracked by the ECS Planning subsystem. An alert is raised and/or alternative processing is planned if ancillary data does not arrive at ECS.

Our recommendation is to not link requests. ECS is designed to accept data granules as they become available. ECS logs events associated with failed data granules, so the DAAC can determine which data granules have failed on ingest.

Note: an enhancement to the above approach is available at additional cost and coordination effort. The ingest request structure may be augmented to include a keyword (PVL) indicating that the given request is a resubmission. The Ingest software may be modified to capture that keyword. Thereafter, ingest history reports may be updated to capture a) number of successful granule ingests; b) number of failed granule ingests; and [new] c) number of resubmitted granule ingests. Operations staff could then keep an accounting of ingested granules.

This approach requires coordination with all external data providers to a particular DAAC to include the new PVL keyword.

Status Closed

Date Closed 2/21/97

Sponsor Kobler

***** Attachment if any *****

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